

CLASSIFIED MESSAGE

DATE

20 12Z 24 MAY 62

~~SECRET~~

ROUTING

1	4
2	5
3	6

TO DIRECTOR

EO 12958 3.3(b)(1) 25Yrs

FROM

ACTION DPD (1,2,3,4,5,6,7,8,9,10)

INFO S/C (11)

EG

TOR: 20 52Z 24 MAY 62

RYBAT

ROUTINE

IN 3705

TO

RYBAT OXCART

INFO

CITE

4733

TO KIEFER/BEERLI/PARANGOSKY

FM

1. FLIGHT 8 WAS MADE TODAY, 24 MAY. THE TAKE-OFF WAS AT 7:30 WITH FLIGHT DURATION OF 1 HOUR 53 MINUTES. TAKE-OFF WEIGHT 85450 LBS WITH C.G. AT 20.2 PER CENT. CLIMB OUT WAS MADE ON AFTERBURNERS TO 14,000 FEET AT WHICH TIME THE RIGHT ENGINE WAS REDUCED TO STALL LIMIT WHICH WAS 30 PER CENT RPM, AND CLIMB WAS CONTINUED ON LEFT ENGINE FULL THRUST PLUS AFTERBURNER. THE RATE OF CLIMB INITIALLY WAS 2000 FPM AND WAS REDUCED TO 1000 FPM BY 18,500 FEET ON SINGLE ENGINE.

2. AFTER REACHING 40,000 FEET AND MACH. .95 A 2G WINDUP TURN FOLLOWED BY A ROLLER COASTER WAS MADE. THESE SAME MANEUVERS WERE MADE AT .95 AT 29,000 FEET AND .63 (350 EAS) AT 25,500.

3. FLUTTER INVESTIGATIONS WERE MADE AT 10,000 FEET AND 15,000 FEET AT BOTH 300 AND 350 KTS EAS.

4. THE LANDING WAS MADE AT 140 KTS IAS AND THE DRAG CHUTE DEPLOYED AT 110 KTS IAS. WITH THE APPLICATION OF MEDIUM BRAKING AND

APPROVED FOR RELEASE
DATE: AUG 2007

~~SECRET~~

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SUCCESSFUL DEPLOYMENT OF THE DRAG CHUTE THE AIRCRAFT WAS STOPPED AND TURNED OFF THE RUNWAY ONTO THE TAXIWAY AT THE 6,800 FEET MARK. THIS WAS THE FIRST LANDING THAT [] WAS NOT USED FOR DECELERATION. THE DRAG CHUTE DID NOT APPEAR TO BE DAMAGED AND FRICTION BURNS COULD NOT BE FOUND ON THE RISERS.

5. THE AIRCRAFT IS NOW BEING TORN DOWN FOR SEALING OF TANKS 1 AND 5, REWORK OF THE FUEL SYSTEM, AND GENERAL MAINTENANCE. THE NEXT SCHEDULED FLIGHT IS JUNE 7.

6. [] MADE A LIVE JUMP FROM 25,000 MAY 23 UTILIZING THE COMPLETE PARACHUTE SYSTEM. THE DROGUE WAS OPENED AT 25,000, THE FALL ON THE DROGUE WAS MADE TO 5,800 FEET IN 68 SECONDS WITH ONLY 6 TO 8 TURNS. THE MAIN CHUTE WAS OPENED REGULARLY AT 5800 AND THE KIT CUT AWAY AT 2500. OPENINGS OF BOTH DROGUE AND MAIN WERE GENTLE. THE TEST IS CONSIDERED A GREAT SUCCESS. [] WILL GO TODAY OR MONDAY WITH FULL PRESSURE SUIT AND TIMERS OPERATING. ONE MORE SERIES OF DUMMY DROPS ARE SCHEDULED NEXT WEEK FROM THE B-66 AT 45,000 FEET. THERE IS TO BE A MEETING NEXT THURSDAY IN [] OFFICE WITH []

[]
7. I HEAR FROM KELLY THAT ON JUNE 7 WE WILL BE VISITED BY []
[] IS THIS TRUE? AND IF SO SEND ME SOME
PARTICULARS.

END OF MESSAGE

~~SECRET~~